EDWARD GEORGE ANDERSON JR.

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EDUCATION

Massachusetts Institute of Technology. Cambridge, Massachusetts. 1993-1997.
Ph. D. in Management, 1997. Major: Operations Management/System Dynamics. Minor: Statistics.

- Dissertation: *Managing the effects of Business Cycles on Capital Supplier Productivity and Technological Capability.* The thesis examined via simulation and analysis the detrimental effects of demand volatility upon the capabilities of firms' supply chains. Committee: Charles Fine, Stephen Graves, and John Sterman.
- Completed coursework requirements for Master's of Science in Electrical Engineering.
- Won one of 50 **National Defense Science and Engineering Graduate Fellowships** awarded annually by the U.S. Department of Defense to outstanding students pursuing graduate technical studies in the United States.
- GPA: 3.9 of 4.0.

University of Michigan. Ann Arbor, Michigan. 1990-1993.
Master's of Business Administration Program.
Completed approximately one-half of MBA Program. Research thesis: *The Effects of Increasing Product Life upon Automotive Market Response to Macroeconomic Fluctuations.* Utilized a custom-built C++ discrete-event simulator to explore automotive market dynamics as affected by improving product durability. GPA: 3.9 of 4.0.

Stanford University. Stanford, California. 1983-1988.
Bachelor of Arts and Sciences, 1988. Majors: Electrical Engineering and History.
Alfried Krupp von Bohlen und Halbach Engineering Fellow, 1987-1988, to study the German language in Berlin and later work as engineer in Germany. Fairclough Classical History Book Prize for the paper, "The Laffer Curve Applied to Roman Imperial Egypt." History courses included Islamic history as well as a course on military history taught by Prof. Peter Paret. Tau Beta Pi Engineering Honor Society. GPA: 3.7 of 4.0.

ACADEMIC APPOINTMENTS

The University of Texas McCombs School of Business. Austin, Texas. 1997-Present.
Assistant Professor of Management, Operations Management Group, (1997-2004).
Associate Professor of Management, Operations Management Group, (2004-present).
IC^2 RKG Centennial Fellow (2004-present).

RESEARCH INTERESTS

- Innovation and knowledge management in supply chains including outsourcing and offshoring; staffing (manpower) planning; operations in startups;
- National security and energy policy; videogaming industry;
- System dynamics in operations management, dynamic programming and optimal control, computer simulation, case study research methods in operations management.

ACADEMIC AND TEACHING EXPERIENCE

University of Texas McCombs School of Business. Austin, Texas.
Associate Professor of Information, Risk, & Operations Management, 2004-present.
Assistant Professor of Management, 1997-2004.
Faculty Advisor, BBA Science & Technoloy Management Major, 1999-present.

- Faculty advisor: BBA in Science and Technology Management Major. The goal of this program is to produce "technology-savvy" business managers by combining a typical BBA curriculum with a grounding in science and engineering for careers such as program managers, finance analysts, or consultants for technical firms. To provide this grounding, students take engineering science courses in physics and chemistry as well as four lower-division engineering classes. This program launched during 2012 as a redesign of the former "Engineering Route to Business" major.
- Designed the New Venture Design and Implementation class (STC 396), which is taught in the McCombs Executive Master's of Science and Technology Commercialization Program. The class teaches the planning necessary to lead a new venture from the initial business plan to launch plus 12-18 months. This includes the development of an integrated operations plan including: a business model canvas, risk management registers and contingency plans, timing and non-recurring costs (using project management methodogies), recurring costs (from unit fishbone costing), operations/marketing matrices, and sourcing plans. Emphasis is placed on the necessity to continually revise the business model as more is learned about the market.
- Co-designed and taught executive education course in project management at Shell Oil Company (2006-7).
- Teach executive and day MBA (BA 380N) and undergraduate (OM 335) core operations classes as well as the day MBA (OM 386.5) project management classes.
- Teach MBA operations consulting group practicum class with companies such as Dell, 3M, Factory Logic, Frito-Lay and Applied Materials.
- Instruct enterprise simulation modeling (system dynamics) for graduate student practicums and Ph.D. course (OM 368).
- Advised Ph.D. students: Susah Heath (2006, now at Naval Postgraduate School); Burcu Tan (2010, now at Tulane University); Saurabh Bansal (2010, now at Pennsylvania State University); Hiroki Sano (exp. 2015).

International Motor Vehicle Program, Massachusetts Institute of Technology. Cambridge, Mass.
Research Assistant, Technology Supply Chains Research Project. 1995-1997.
Developed models of how the concurrent design of supply chains along with product and process design can be accomplished in dynamically volatile environments. Performed case study of the technology supply chain linking the automotive and electronics industries.

Massachusetts Institute of Technology. Cambridge, Massachusetts.
Teaching Assistant, "Technology Supply Chains Seminar," Course 15.795, 1995.
Participated in course design and teaching of seminar taught by Prof. Charles Fine. Seminar treated the design of product and process supply chains to support technology strategy.

Ford Motor Company Truck Group. Dearborn, Michigan, 1993-1995 (summers).
Designed and delivered introductory workshops to Ford Motor Company executives in using system dynamics models to improve understanding of market globalization's effects on the automotive industry.

Accumulatorenwerke Hoppecke, GmbH. (Hoppecke Battery Works). Brilon, Germany, 1988.
Taught (in German) Lotus spreadsheet classes to Hoppecke engineers.

SELECTED PROFESSIONAL EXPERIENCE

Computer-Aided Business Strategies Management Consulting Group. Austin, Texas.
Principal Consultant, 1993-present (part-time).
Designed system dynamics simulation for "Seven Sisters" oil exploration firm to guide investment decisions. Led design of system dynamics simulation which modeled the success factors required by the globalization of the automotive industry for use by a "Big 3" Truck Group in business and product planning.

Ford Motor Company Electronics Division. Dearborn, Michigan
Product Design Engineer, 1988-1991. *Manufacturing Engineer*, 1991-1993.
Coordinated 1992 Manufacturing Plan for the Electronics Division ($4 billion annual sales volume). Performed discrete-event simulation analyses of electronic control module assembly lines. Designed, modeled, and implemented Kalman-Filter control algorithm for four-wheel steering embedded microcontroller system. Designed, modeled, and analyzed several real-time hardware and software strategies to detect engine knock. Modified and tested Ford Electronic Engine Controller circuitry for optimal practical engine knock-detection scheme.

Accumulatorenwerke Hoppecke, GmbH. (Hoppecke Battery Works.) Brilon, Germany.
Electrical Engineer, 1988.
Designed and implemented control software for automated DIN battery lifetime testing project.

General Motors Corporation, Chevrolet-Pontiac Engineering Group. Warren, Michigan.
Product Design Engineering Intern, Powertrain Electronics Department, 1985-1987.
Designed and implemented hardware and software for the OSCAR Idle Quality Detection System, which tested engine idle quality in an objective, repeatable manner via Fourier analyses of crankshaft velocity variations. Designed and coded real-time software solutions to faulty engine control algorithms for the Delco Electronic Engine Control Module.

GRANTS/FELLOWSHIPS

U.S. Veterans Administration (pending). Grant (amount pending of approximately $1 million) on "Sensemaking in VHA Health Care Systems: A Focus on Readmissions." Co-recipients (E. Finley, L. Leykum, H. Lanham, R. McDaniel, J. Pugh, M. Agar.)

National Science Foundation (2009-13). $703,950 grant (Award #0925004) on "Platform-Driven Innovation Within and Across Firms." Co-recipients: Geoffrey G. Parker and Marshall Van Alstyne.

University of Texas Supply Chain Consortium Research Grant (2008)**.** $5000 for studying the state of the art in project management practices in the videogame industry.

IC^2 RKG Centennial Fellow (2004-present). Endowed fellowship for researchers in new venture creation and management of innovation.

National Science Foundation (2003-7). $245,000 grant (Award #0323227) over four years to investigate how firms should most effectively manage outsourced product and process development across the supply chain. Co-recipients: Alison Davis-Blake and Geoffrey G. Parker.

University of Texas at Austin Herb Kelleher Center for Entrepreneurship (2003). $60,000 grant to model, simulate, and study operational issues that lead to start-up venture failures. Co-recipient: Mary Ann Anderson.

University of Texas at Austin Summer Research Assignment (2000). $22,000 grant for research into the robust management of service supply chains.

SAP (1999)**.** $75,000 grant for the development of an enterprise simulation model based curriculum to teach students how best to utilize enterprise resource planning (ERP) systems in supply chains using the balanced scorecard methodology. Co-recipients: Douglas J. Morrice, James Ritchie-Dunham, and Judy Scott.

Hewlett-Packard (1999)**.** $25,000 grant for the integration of system dynamics models and real options theory to investigate the optimal structure for long-term high-technology supply-chain contracts.

OTHER HONORS

Wickham Skinner Early-Career Research Accomplishments Award (2002). Awarded by the Production and Operations Management Society for outstanding research by junior faculty during their entire probationary period.

Frank L. Batten Young Scholar (2000). Awarded by the Operations and Information Technology group at the College of William and Mary to identify junior faculty conducting outstanding exemplary research in the supply chain and technology areas.

Institute for Operations Research and the Management Sciences (1997). Meritorious Service Award.

University of Texas McCombs School of Business Awards and Nominations

- **CBA Foundation Research Excellence Award for Assistant Professors** (2003)
- **Trammell/CBA Foundation Teaching Award for Assistant Professors** (2003)
- **Faculty Honor Roll for Outstanding Core Class Instruction** (2001, 2002, 2003)
- **Faculty Honor Roll for Outstanding Executive Education Instruction** (2004, 2011)
- **MBA Core Course Teacher of the Year Nominee** (2000, 2002, 2003)
- **Trammell/CBA Foundation Teaching Award for Assistant Professors Nominee** (2002)

ADDITIONAL INFORMATION

PROFESSIONAL SERVICE

- **Founding Department Editor,** Industry Studies & Public Policy Department, *Production and Operations Management,* (2012-present).
- **Senior Editor,** *Production and Operations Management,* (2003-present).
- **President-Elect,** System Dynamics Society.
- **Vice President – Publications,** Production and Operations Management Society (2006-9). Headed committee to study alternate publishing options with third-party vendors. The study resulted in an arrangement to have the POM journal published by Blackwell (2008). Led redesign of Website (2008-2009).
- **Assistant Secretary,** System Dynamics Society (2006-2011).
- **Nominations Committee,** System Dynamics Society (2010-present).
- **Publications Committee,** System Dynamics Society (2011-present).
- **Production and Operations Management Society Board** (2003-4, 2006-9).
- **Industry Studies Association Board** (2011-present).
- **2012 Industry Studies Association Conference,** Program Chair
- **2013 Industry Studies Association Conference,** Program Co-Chair
- **2009 International System Dynamics Conference,** Program Chair.
- **2001 International System Dynamics Conference**, Vice-Chair for Operations Management.
- **International System Dynamics Conference,** Thread Chair for Operations Management (2006-present).
- **Industry Studies Association,** Thread Chair for Energy and Sustainability (2009-2010).
- Organized the *first* **System Dynamics Winter Conference** (2000), which brought together the foremost fifty researchers and practitioners in system dynamics under the auspices of the University of Texas McCombs School. Speakers from the Harvard Business School, the MIT Sloan School, the University of Michigan, and the London Business School, among others, lectured on using computer simulation in Enterprise Management, Product and Technology Management, and Social Policy.
- **System Dynamics Winter Conference 2003, 2009** Program Chair.
- **System Dynamics Winter Conference 2005, 2007, 2011** Conference Chair.
- **Affiliate,** Alfred P. Sloan Industry Studies Program (2005-present).
- **Ad-Hoc Reviewer:** *Management Science, Operations Research, Organization Science, Production and Operations Management, Manufacturing & Service Operations Management, System Dynamics Review.*

PROFESSIONAL SOCIETIES

Institute for Operations Research and the Management Sciences; The Production and Operations Management Society; Institute of Electrical and Electronics Engineers; The Systems Dynamics Society.

LANGUAGES

Highly fluent in technical and conversational German. Familiar with written Spanish.

OTHER

- Hobbies: Backpacking, inveterate military history buff, ice hockey.

MONOGRAPHS

Anderson, Edward G. and Nitin R. Joglekar (2012). *The Innovation Butterfly: Managing Emergent Opportunities and Risks during Distributed Innovation*. Springer-Verlag. Research monograph for the "**Springer Understanding Complex Systems**" series.

PUBLICATIONS AND ACCEPTANCES
(*indicates refereed journal, **indicates refereed proceedings)

*Anderson, Edward G. Jr., Geoffrey G. Parker, and Burcu Tan (Forthcoming). "Platform Feature Investment in the Presence of 3rd-Party Developer and Consumer Externalities." Forthcoming in *Information Systems Research.*

*Anderson, Edward G., Jr. and Geoffrey G. Parker (2013). "Integration and Cospecialization of Emerging Complementary Technologies by Startups." *Production and Operations Management,* 22(6): 1356-73.

*Anderson, Edward G. and Kyle Lewis (Forthcoming). "A Dynamic Model of Individual and Group Learning Amid Disruption." Forthcoming at *Organization Science*.

*Anderson, Edward G. Jr. and Geoffrey G. Parker (2013). "Integration of Global Knowledge Networks." *Production and Operations Management,* 22(6): 1446-63.

*Joglekar, Nitin R., Edward G. Anderson, and Ganesan Shankaranarayanan (2013). "Accuracy of Data in Distributed Project Settings: Model, Analysis and Implications." *ACM Journal of Data and Information Quality,* 4(3): 13-34.

*Amaral, Jason, Anderson, Edward G. Jr. and Geoffrey G. Parker (2011). "Putting It Together: How to Succeed in Distributed Product Development." Sloan Management Review, 52 (2), 51-58.

*Anderson, Edward G. Jr. (2011). "A Dynamic Model of Counterinsurgency Policy including Intelligence, Public Security, Popular Support, and Insurgent Experience." *System Dynamics Review,* 27 (2): 111-41.

*Tan, Burcu, Edward G. Anderson Jr., James S. Dyer, and Geoffrey G. Parker (2010). "Evaluating System Dynamics Models of Risky Projects Using Decision Trees: Alternative Energy Projects as an Illustrative Example." *System Dynamics Review,* 26 (1): 1-17. **Most downloaded *System Dynamics Review* article of 2010 at 1400+ downloads.**

*Ritchie-Dunham, James L., Douglas J. Morrice, Edward G. Anderson, Jr., and James S. Dyer (2007). "A Simulation Exercise to Illustrate the Impact of an Enterprise System on a Service Supply Chain." *INFORMS Transactions on Education,* 7(3): 201-222.

*Anderson, Edward G. Jr. (2007). "A Proof-of-Concept Model for Evaluating Insurgency Management Policies Using the System Dynamics Methodology." *Strategic Insights*, 6 (5), e-journal, permanent web location: http://www.ccc.nps.navy.mil/si/. Invited article.

*Anderson, Edward G., and Douglas J. Morrice (2006). "Stochastic Optimal Control of Centralized Staffing and Backlog Policies in a Two-Stage Customized Service Supply Chain." *Production and Operations Management,* 15 (2): 263-278.

*Anderson, Edward G. and Nitin Joglekar (2005). "A Hierarchical Modeling Framework for Product Development Planning." *Production and Operations Management,* 14 (3): 344-361.

*Anderson, Edward G., Douglas J. Morrice, and Gary Lundeen (2005). "The 'Physics' of Service Supply Chains." *System Dynamics Review*, 21 (3): 217-247.

*Fitzsimmons, James, Edward G. Anderson Jr., Douglas J. Morrice, and G. Edward Powell (2004). "Service Chain Management." *International Journal of Services Technology and Management* 5 (3): 221-232.

*Anderson, Edward G., and Geoffrey G. Parker (2002). "The Effect of Learning on the Make/Buy Decision." *Production and Operations Management* 11 (3): 313-339.

*Parker, Geoffrey G., and Edward G. Anderson Jr. (2002) "From Buyer to Integrator: The Transformation of the Supply Chain Manager in the Vertically Disintegrating Firm." *Production and Operations Management* 11 (1): 75-91.

*Anderson, Edward G. (2001). "The Non-Stationary Staff Planning Problem with Business Cycle and Learning Effects." *Management Science* 47 (6): 817-832.

*Anderson, Edward G. (2001). "Managing the Impact of High Market Growth and Learning on Knowledge Worker Productivity and Service Quality." *European Journal of Operational Research* 134 (3): 508-524.

*Anderson, Edward G., and Douglas J. Morrice (2000). "A Simulation Game for Service-Oriented Supply Chain Management: Does Information Sharing Help Managers with Service Capacity Decisions?" *Production and Operations Management* 9 (1): 40-55.

*Anderson, Edward G., Charles H. Fine, and Geoffrey G. Parker (2000). "Upstream Volatility in the Supply Chain: The Machine Tool Industry as a Case Study." *Production and Operations Management* 9 (3): 239-261.

**Anderson, Edward G. (2013). "Towards a Theory of Serial Insurgencies." Proceedings of the *2013 International System Dynamics Conference.*

**Anderson, Edward G. Jr. and Geoffrey G. Parker. (2011) "On the Integration and Cospecialization of Emerging Complementary Technologies: The Case of Renewable Power and Energy Storage." Proceedings of the *2011 International System Dynamics Conference* (Washington, DC).

**Anderson, Edward G. Jr. and Nitin R. Joglekar. (2011) "Innovation Projects & Portfolios: Admitting Change and Rework to Meet Escalating Expectations." Proceedings of the *2011 International System Dynamics Conference* (Washington, DC).

** Anderson, Edward G. Jr. (2009). "Modeling Insurgencies and Counterinsurgencies." Proceedings of the *2009 International System Dynamics Conference* (Albuquerque, NM).

**Tan, Burcu, Edward G. Anderson Jr., James Dyer, and Geoffrey Parker (2009). "Using Binomial Decision Trees and Real Options Theory to Evaluate System Dynamics Models of Risky Projects." Proceedings of the *2009 International System Dynamics Conference* (Albuquerque, NM).

**Joglekar, Nitin R. and Edward G. Anderson Jr. (2009). "Global Talent Management—Challenges of Attrition, Productivity and Non-Linear Growth Decision Sciences in Global Enterprise Management." Plenary presentation at *Decision Sciences in Global Enterprise Management*, Bombay, India.

**Anderson, Edward G. (2007). "An Initial Simulation Model for Aiding Policy Analysis In Urban Insurgencies." In Proceedings of the *2007 Winter Simulation Conference* edited by S. G. Henderson, B. Biller, M.-H. Hsieh, J. Shortle, J. D. Tew, and R. R. Barton.

**Anderson, Edward G., Jr. and Laura J. Black (2007). "Accumulations of Legitimacy: Exploring Insurgency and Counter-Insurgency Dynamics." Proceedings of the 2007 International System Dynamics Conference.

**Tan, Burcu, Edward G. Anderson Jr., and Geoffrey G. Parker (2007). "Managing Risk in Alternative Energy Product Development." Proceedings of the 2007 International System Dynamics Conference.

**Anderson, Edward G. (2006). "A Preliminary System Dynamics Model of Insurgency Management: The Anglo-Irish War of 1916-21 as a Case Study." Proceedings of the 2006 International System Dynamics Conference.

**Morrice, Douglas J., Edward G. Anderson, and Saurav Bharadwaj (2004). "A Simulation Study to Assess The Efficacy of Linear Control Theory Models for the Coordination of a Two-Stage Customized Service Supply Chain." Proceedings of the *2002 Winter Simulation Conference.*

**Anderson, Edward G. and Douglas J. Morrice. (2002). "Capacity and Backlog Management in Queuing-Based Supply Chains." In Proceedings of the *2002 Winter Simulation Conference* edited by Chun Hung Chen, Jane L. Snowden, and John M. Charnes, pp. 1302-1305.

**Ritchie-Dunham, James, Edward G. Anderson, Douglas J. Morrice, and Judy Scott. (2000). "A Strategic Supply Chain Simulation Model." In Proceedings of the *2000 Winter Simulation Conference* edited by Jeffrey A. Joins, Russell Barton, Keebom Kang, and Paul A. Fishwick, pp. 1260-1264.

**Anderson, Edward G., and Douglas J. Morrice (1999). "A Simulation Model to Study the Dynamics in a Service-Oriented Supply Chain." In *Proceedings of the 1999 Winter Simulation Conference* edited by Philip A. Farrington, Harriett B. Nembhard, David T. Sturrock, and Gerald W. Evans, pp. 742-748.

Anderson, Edward G. Jr. and Nitin R. Joglekar (2007). "Chasing the Innovation 'Butterfly' with Systems Thinking." *The Systems Thinker* (practitioner journal for system dynamics), 18 (9): 7-9.

Anderson, Edward G. Jr., Alison Davis-Blake, S. Sinan Erzurumlu, Nitin R. Joglekar, and Geoffrey G. Parker (2007). "The Effects of Outsourcing, Offshoring, and Distributed Product Development Organization on Coordinating the NPD Process." *Handbook of New Product Development* edited by C. Loch and S. Kavadias, pp. 269-290. Oxford, UK: Butterworth-Heinemann.

Joglekar, Nitin R., Nalin Kulatilaka, and Edward G. Anderson Jr. (2007). "Hierarchical Planning under Uncertainty: Real Options and Heuristics." *Handbook of New Product Development* edited by C. Loch and S. Kavadias, pp. 291-314. Oxford, UK: Butterworth-Heinemann.

Parker, Geoffrey G., and Edward G. Anderson (2002). "Supply Chain Integration: Putting Humpty-Dumpty Back Together Again." In *Future Directions in Supply Chain and Technology Management*, edited by Tonya Boone and Ram Ganeshan, pp. 352-376. AMACOM Press.

Anderson, Edward G., and Mary Ann Anderson (2000). "Are Your Decisions Today Creating Your Future Competitors? Avoiding the Outsourcing Trap." *The Systems Thinker* (practitioner journal for system dynamics), September 2000: pp. 1-5.

Anderson, Edward G. and Charles H. Fine (1998). "Business Cycles and Productivity in Capital Equipment Supply Chains." In *Quantitative Models for Supply Chain Management.* Sridhar Tayur, Michael Magazine, and Ram Ganeshan (eds.), pp. 381-415. Kluwer Press.

WORKING PAPERS

(*indicates refereed journal, **indicates refereed proceedings)

Anderson, Edward G., Aravind Chandrasekaran, Alison Davis-Blake, and Geoffrey G. Parker (2013). "Managing the Distributed Knowledge Work: Integration Strategies for Language and Geographic Barriers." Under revision for *Information Systems Research*.

Anderson, Edward G. Jr., Xiaoyue Jiang, Geoffrey G. Parker (2013). "Dynamic Control of Partial Outsourcing for Project Management." Target Journal: *Production and Operations Management*. Final proofing in process, to be followed by friendly review. To be submitted Spring 2014.

Anderson, Edward G. Jr., Nitin Joglekar (forthcoming). "Using Optimal Control Theory with Dynamic Models." To appear in *Handbook of Analytics for Dynamic Systems* (tentative title), edited by N. Osgood, R. Oliva, and H. Rahmandad. MIT Press.

Anderson, Edward G. Jr., Burcu Tan Erciyes (forthcoming). "Using System Dynamics and Decision Trees to Value Managerial Options: Valuation of Capital Investment Projects as an Illustrative Example." To appear in *Handbook of Analytics for Dynamic Systems* (tentative title), edited by N. Osgood, R. Oliva, and H. Rahmandad. MIT Press.

Tan, B., E. Anderson Jr, J. Dyer, and G. Parker (2012). Using real options theory and diffusion approximations to evaluate system dynamics models of risky projects. Requires extended discussion prior to submission. Under preparation for System Dynamics Review.

Anderson, Edward G. Jr., Alison Davis-Blake, and Geoffrey G. Parker (2012). Organizational Design for Outsourcing Complex Tasks. Under preparation for submission to *Research Policy*.

PATENTS

U.S. Patents No. 5,066,919; 5,264,796; 5,268,644 and Europen Patents 450,806; 450,807; 450,808
All involve fault detection and isolation in automotive wiring harnesses by respectively: network analysis, time-domain reflectometry, and dedicated test lines.

INVITED PRESENTATIONS (SINCE 2006)

"Platform Feature Investment in the Presence of 3rd-Party Developer and Consumer Externalities." Presented at Haas School-University of California in October, 2013 (Berkeley, CA).

"Towards a Theory of Serial Insurgencies." Presented at 2013 International System Dynamics Conference (Cambridge, MA).

"Partial Outsourcing of Project Design." Presented at Industry Studies Annual Conference in May 2013 (Kansas City, MO).

"Partial Outsourcing of Project Design", "Managing Distributed Product Development: Integration Strategies for Language and Geographic Barriers" and "Editors Roundtable: Industry Studies and Public Policy." Presented at Production and Operations Management Conference in May 2013 (Denver, CO).

"On the Integration of Emerging Complementary Technologies: The Case of Storage & Renewable Power" and "The Innovation Butterfly: Managing Emergent Opportunity & Risk Under Distributed Innovation." Presented at Michigan State University in November 2012.

"A Preliminary Inquiry into Innovation Analytics for Managing Sequential Product Portfolios." Presented at the Institute for Operations Research and Management Science Conference in October 2012 (Phoenix, AZ).

"Managing Distributed Product Development: Integration Strategies for Language and Geographic Barriers." Presented at the Institute for Operations Research and Management Science Conference in October 2012 (Phoenix, AZ).

"On Innovation Analytics and the Innovation Butterfly." Presented at the Industry Studies Association Conference in June 2012 (Pittsburgh, PA).

"A Preliminary Inquiry into Innovation Analytics for Managing Sequential Product Portfolios." Presented at the Production and Operations Management Conference in April 2012 (Chicago, IL).

"On Innovation Analytics and the Innovation Butterfly." Presented at the POMS Product Innovation & Technology Management Workshop Prior to the Institute for Operations Research and Management Science Conference in October 2011 (Charlotte, NC).

"On the Integration of Emerging Complementary Technologies: The Case of Storage & Renewable Power." Presented at the Institute for Operations Research and Management Science Conference in October 2011 (Charlotte, NC).

"On Innovation Analytics and the Innovation Butterfly." Presented at the POMS Product Innovation & Technology Management Workshop Prior to the Institute for Operations Research and Management Science Conference in October 2011 (Charlotte, NC).

"On the Integration of Emerging Complementary Technologies: The Case of Storage & Renewable Power." Presented at the International System Dynamics Conference in July 2011 (Washington, DC).

"Innovation Projects & Portfolios: Admitting Change and Rework to Meet Escalating Expectations." Presented at the International System Dynamics Conference in July 2011 (Washington, DC).

"On the Integration of Emerging Complementary Technologies: The Case of Storage & Renewable Power." Presented at the Industry Studies Association Annual Conference in June 2011 (Pittsburgh).

"Integrating Emerging Complementary Technologies." Presented at the Production and Operations Management Conference in May 2011 (Reno, Nevada).

"Integrating Emerging Complementary Technologies." Presented at the Ohio State University in February 2011 (Columbus, Ohio).

"New Business Models to Enable Clean and Renewable Generation in the Electric Power Industry: A Preliminary Investigation." Presented at the Institute for Operations Research and Management Science Conference in November 2010 (Austin, Texas).

"New Business Models to Enable Clean and Renewable Generation in the Electric Power Industry: A Preliminary Investigation." Presented at the Production and Operations Management Conference in May 2010 (Vancouver, Canada).

"New Business Models to Enable Clean and Renewable Generation in the Electric Power Industry: A Preliminary Investigation." Presented at the Industrial Studies Association Conference in May 2010 (Chicago).

"Modeling Insurgencies and Counterinsurgencies." Presented at the International System Dynamics Conference in July 2009 (Albuquerque, NM).

"Using Binomial Decision Trees and Real Options Theory to Evaluate System Dynamics Models of Risky Projects." Presented at the International System Dynamics Conference in July 2009 (Albuquerque, NM).

"Preliminary Reuslts: Current Practices in Videogame Project Management." Presented at the Production and Operations Society Conference in April 2009.

"Hedging New Product Development Contests." Presented at the Annual Production and Operations Management Conference in April 2009.

"Platform Feature Investment in the Presence of Network Externalities." Presented at the Annual Production and Operations Management Conference in April 2009.

"Platform Feature Investment in the Presence of Network Externalities." Presented at the Tulane University Freeman School of Business in April 2009.

"Managing Outsourced Product Design: The Effectiveness of Alternative Integration Mechanisms." Presented at the *Legal Issues in the Governance of Supply Chains: Conference of the Vanderbilt Law and Business Program and the Regulatory Program* in October 2008.

"Hedging New Product Development Contests." Presented at the Annual Institute for Management Science and Operations Research Conference in October 2008.

"Platform Feature Investment in the Presence of Network Externalities." Presented at the Annual Institute for Management Science and Operations Research Conference in October 2008.

"Teaching Modern Project Management—Strategic and Tactical Issues." Presented at the Annual Institute for Management Science and Operations Research Conference in October 2008.

"A Generic Simulation Model of Counterinsurgency." Presented at the U.S. Naval Postgraduate School in May 2008.

"Platform Feature Investment in the Videogame Industry." Presented at the Production and Operations Management Society Conference in May 2008.

"Mechanisms to Coordinate Outsourced Product Design: Preliminary Results." Presented at the Ohio State University in October 2007.

"Accumulations of Legitimacy." Presented at the International System Dynamics Conference in July 2009 (Albuquerque, NM).

"Mechanisms to Coordinate Outsourced Product Design: Preliminary Results." Presented at the College of William and Mary in April 2007.

"An Initial Simulation Model for Aiding Policy Analysis In Urban Insurgencies" to the U.S. Naval Postgraduate School in April 2007.

"National Science Foundation Outsourced Product Design and Contract Manufacturing Study: Preliminary Results." Presented at Sloan Industries Studies Annual Conference in April 2007.

"National Science Foundation Outsourced Product Design and Contract Manufacturing Study: Preliminary Results." Presented at Texas Christian University in December 2006.

"A Preliminary System Dynamics Model of Insurgency Management: The Anglo-Irish War of 1916-21 as a Case Study." Presented at the London School of Economics in October 2006.

"A Preliminary System Dynamics Model of Insurgency Management: The Anglo-Irish War of 1916-21 as a Case Study." Presented at the Naval Postgraduate School in April 2006.

"A Preliminary System Dynamics Model of Insurgency Management: The Anglo-Irish War of 1916-21 as a Case Study." Presented at Argonne National Laboratories in June 2006.

"Preliminary Results: National Science Foundation Outsourced Product and Manufacturing Development study" at the Production and Operations Management Society Conference in April 2006.